WHAT IS CLAIMED IS:

- 1. A screw grommet comprising a shank to be
- 2 inserted into a mounting hole in a workpiece and a flange
- 3 formed at one end of the shank that is larger than the
- 4 mounting hole in the workpiece, wherein a cavity is formed
- 5 in the flange and the shank into which a tapping screw can
- 6 be screwed to join a mounted member to the workpiece,
- 7 wherein the shank has a rectangular cross-section
- 8 appropriate for a rectangular cross-section mounting hole
- 9 in the workpiece, wherein both the flange, and a section
- 10 of the shank that extends from the flange a distance that
- 11 is substantially less than the length of the shank, are
- 12 divided by a plurality of axial slits, to allow a section
- 13 of the shank to widen in a direction perpendicular to the
- 14 axial direction of the shank by screwing the tapping screw
- 15 into the cavity, wherein protrusions are formed on the
- 16 outer periphery of the shank separated axially from the
- 17 flange by about the thickness of the workpiece, and
- 18 wherein the protrusions are arranged diagonally to one
- 19 another in the rectangular cross-section of the shank.
- 1 2. A screw grommet in accordance with claim 1,
- 2 wherein the axial slits are formed in positions

- 3 corresponding to the center of the sides of the periphery
- 4 of the rectangular cross-section of the flange and the
- 5 shank, and wherein the protrusions have an L-shaped cross-
- 6 section embracing corresponding corners of the rectangular
- 7 cross-section of the shank.
- 1 3. A screw grommet in accordance with Claim 1,
- 2 wherein the slits terminate at about the middle of the
- 3 axial length of a portion of the cavity engaged by threads
- 4 of the screw, and wherein a section of the cavity
- 5 extending axially without slits toward the tip of the
- 6 shank has a length able to accommodate at least one pitch
- 7 length of the screwed in tapping screw.
- 4. A screw grommet having a shank and a flange at
- 2 one end of the shank, the flange and the shank having a
- 3 cavity extending axially of the screw grommet and the
- 4 flange and the shank being divided by a plurality of slits
- 5 extending axially of the screw grommet along only a
- 6 portion of the axial length of the cavity.
- 5. A screw grommet according to Claim 4, wherein the
- 2 flange and the shank have rectangular cross-sections and

- 3 the slits divide the sides of the rectangular cross-
- 4 section of the flange.
- 6. A screw grommet according to Claim 5, wherein the
- 2 shank has a plurality of protrusions extending from an
- 3 outer surface of the shank at positions spaced from the
- 4 flange.
- 7. A screw grommet according to Claim 6, wherein the
- 2 protrusions embrace corresponding corners of the
- 3 rectangular cross-section of the shank.
- 8. A screw grommet according to Claim 7, wherein the
- 2 protrusions are disposed at opposite corners of the
- 3 rectangular cross-section of the shank.
- 9. A screw grommet according to Claim 6, wherein
- 2 each of the protrusions has a shoulder facing the flange
- 3 and has an inclined surface that approaches an outer
- 4 surface of the shank in a direction toward a tip of the
- 5 shank remote from the flange.

- 1 10. A screw grommet according to Claim 6, wherein
- 2 the screw grommet has an associated tapping screw
- 3 dimensioned to be screwed into the cavity through the
- 4 flange, and wherein the slits extend over an axial length
- 5 of the shank that is about half the axial length of
- 6 threads of the screw.
- 1 11. A screw grommet having a shank and a flange at
- 2 one end of the shank, wherein the flange and the shank
- 3 have rectangular cross-sections and the shank has a pair
- 4 of protrusions extending from an outer surface of the
- 5 shank at positions spaced from the flange, and wherein the
- 6 protrusions embrace corresponding diagonally disposed
- 7 corners of the rectangular cross-section of the shank.